



April 3, 2006

Mr. Robert Lerner
Rite Aid Corporation
30 Hunter Lane
Camp Hill, Pennsylvania 17011

RE: October 2005 Quarterly Ground Water Monitoring Results
Rite Aid Store No. 6033
680 South State Street
City of Ukiah, Mendocino County, California
BL Project No. 98L152-B

Dear Mr. Lerner:

Pursuant to the scope of work outlined in our Proposal No. 98L152-B, dated December 5, 2003, BL Companies has completed the eighth round of quarterly ground water sampling at the above-referenced site. The purpose of the sampling program is to continue to document the identified ground water impairment, as directed by the California Regional Water Quality Control Board (CRWQCB) in correspondence dated November 19, 2003.

Background

During a Phase I Environmental Site Assessment (ESA) (January 9, 1998) and a Preliminary Site Characterization (February 6, 1998), both conducted by BL Companies, two suspected underground storage tanks (USTs) were identified near the eastern property boundary. The site formerly contained at least four aboveground storage tanks (ASTs) as part of the former operation of a bulk petroleum facility and a service station on the site. The results of a geophysical investigation and an American Land Title Association survey indicated that the two suspected USTs are located on property owned by the City of Ukiah. In addition, soil and ground water samples collected from 17 soil borings revealed that the site has been adversely impacted by petroleum hydrocarbons in the form of both gasoline- and diesel-related constituents. As a result of the initial investigations, an Unauthorized Release Form was submitted to the Mendocino County Health Department and the CRWQCB.

BL Companies then conducted a Site Characterization (November 1, 2002) to confirm and determine the extent of petroleum hydrocarbon impairment at the site. The Site Characterization included the installation of 12 soil borings and four on-site monitoring wells (MW-1, MW-2, MW-3, and MW-4). The results of the ground water investigation indicated that targeted petroleum hydrocarbon compounds were present in ground water samples collected from three of the four on-site monitoring wells. Upon completion and submission of the Site Characterization Report to the CRWQCB, they then requested additional information regarding the locations of property boundaries and the USTs from both the City of Ukiah and Atlantic Richfield Corporation (ARCO), who had previously operated a bulk petroleum facility and a

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service station on the site. While this issue of ownership of the USTs and any related remediation measures were still being resolved, the CRWQCB requested that the ground water monitoring program on the Rite Aid property proceed independently of the suspect UST issue.

At the request of the CRWQCB, BL Companies directed exploratory excavation in the vicinity of the referenced geophysical anomalies in an effort to determine whether any USTs were present on the Rite Aid property. Since the suspected USTs were believed to be located on the property owned by the City of Ukiah, BL Companies made several attempts to contact representatives of the City Engineer's Office in advance of the exploratory excavation in an effort to work collaboratively on the UST investigation. The efforts to communicate with the City Engineer's Office and to obtain access to the City's property were unsuccessful. Therefore, BL Companies mobilized to the site on July 20, 2005 to direct exploratory excavation in the vicinity of the suspected USTs, but was limited to the Rite Aid property (i.e., excavation adjacent to property boundary). The end of an approximately 4-foot diameter, steel UST was encountered in one of the test pits excavated on the Rite Aid site. Based on the orientation of the end of the UST and the approximate location of the property boundary, it appeared that approximately 2 feet of the UST was on the Rite Aid property and the remainder was on the City property. The Director of Public Works and City Engineer for the City of Ukiah, Ms. Diana Steel, PE, and the Deputy Director of Public Works, Mr. Richard Seanor, PE, visited the site on July 20, 2005 to observe the work in progress and the partially exposed UST. Ms. Steele agreed that the UST identified was mostly located on City property. Furthermore, Ms. Steele authorized BL Companies to proceed with the excavation of the identified UST on City property and remove it as well as any other USTs encountered in the southeastern entrance to the Rite Aid site. The exploratory excavation identified three USTs located on the property owned by the City of Ukiah in the southeastern entrance to the site. All of the USTs were removed on July 20 and 21, 2005. A separate report documenting the investigative methods and findings of the exploratory excavation and UST removal was submitted to the CRWQCB on September 23, 2005.

Field Activities

The eighth quarterly ground water monitoring event was conducted on October 27, 2005. Ground water samples were collected from the four on-site ground water monitoring wells using the following protocol:

Prior to sample collection, the static water level in each of the monitoring wells was measured. By subtracting the depth to ground water in each well from the surveyed elevations, a detailed map of the shallow ground water potentiometric surface was prepared (see Attachment 1, Ground Water Potentiometric Surface Map and Attachment 3, Table 1). Based on the potentiometric surface data, the ground water flow direction beneath the site is to the southeast, which is generally consistent with previous determinations.

A minimum of three well volumes of water was purged from the wells using new polyethylene hose and a pre-cleaned submersible pump. During well purging, the temperature, pH, dissolved oxygen, specific conductivity, and oxidation-reduction potential of the ground water

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were monitored to ensure that representative samples were collected. The purged ground water was collected in 55-gallon drums for later off-site disposal. After purging each well, ground water samples were collected with single-use polyethylene bailers and placed into pre-cleaned glass and plastic sample containers fitted with Teflon-lined lids, preserved with the appropriate reagent, and stored at 4 degrees Centigrade (or less) until delivery to Alpha Analytical Laboratories Inc. of Ukiah, California.

Chemical Analyses

Please find enclosed as Attachment 2 the analytical results for the ground water samples collected on October 27, 2005 from the on-site monitoring wells. The samples were analyzed for total petroleum hydrocarbons (TPH) as gasoline; TPH as diesel; and benzene, toluene, ethylbenzene, and xylenes. Following BL Companies' request on July 6, 2004 to eliminate the analysis of semi-volatile organic compounds, Ms. Colleen Stone of the CRWQCB officially concurred with this request in a letter dated July 9, 2004. In addition, the CRWQCB recommended that analysis of the five fuel oxygenates, including methyl tertiary-butyl ether, also be removed from the quarterly monitoring activities, as none of these compounds have been detected in any of the samples collected since the initiation of ground water monitoring activities.

Findings

The results of the laboratory analyses (see Attachment 4, Tables 2 and 3) were compared to the previous analytical results obtained during the previous site characterization and quarterly sampling events. Table 2 only includes those compounds formerly and/or currently detected in at least one sample. The results of the chemical analysis reported no target compounds above laboratory detection limits in MW-1, which is the most hydraulically upgradient monitoring well on the site, with the exception of TPH-diesel at a concentration of 57 micrograms per liter ($\mu\text{g/l}$). No individual gasoline-related volatile organic compounds or TPH-gasoline were identified above laboratory detection limits in MW-4 during the eight rounds of quarterly sampling. However, TPH-diesel was detected in the ground water sample collected from MW-4 at concentrations of 97 $\mu\text{g/l}$.

The ground water samples collected from the remaining two monitoring wells (MW-2 and MW-3) contained at least three detectable target compounds, along with reported concentrations of TPH-gasoline and TPH-diesel, during the eighth round of quarterly sampling. Monitoring well MW-2 was reported with elevated concentrations of four target compounds, including benzene (41 $\mu\text{g/l}$), toluene (8.6 $\mu\text{g/l}$), ethylbenzene (73 $\mu\text{g/l}$), and xylenes (41 $\mu\text{g/l}$). In addition, MW-2 also reported concentrations of TPH-gasoline (2,500 $\mu\text{g/l}$) and TPH-diesel (97 $\mu\text{g/l}$). Monitoring well MW-3 was reported with elevated concentrations of three target compounds, including benzene (3.8 $\mu\text{g/l}$), ethylbenzene (19 $\mu\text{g/l}$), and xylenes (13 $\mu\text{g/l}$). In addition, MW-3 also contained concentrations of TPH-gasoline (1,100 $\mu\text{g/l}$) and TPH-diesel (81 $\mu\text{g/l}$).

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Conclusions

In summary, the results of the current sampling round continue to indicate that the site remains impacted by petroleum compounds. In general, the target compound concentrations detected during the current sampling event are relatively consistent with the results from the prior sampling events.

BL Companies has recommended that the CRWQCB contact ARCO regarding their responsibility to address the documented soil and ground water impact on the site and to assess the potential off-site migration of the contamination. Further, BL Companies requested that the CRWQCB relieve Rite Aid of the requirements for additional off-site characterization tasks and any subsequent soil or ground water remediation related to the former gasoline USTs. BL Companies recommends that a copy of this report be submitted to the CRWQCB case manager, Ms. Kasey Ashley.

BL Companies appreciates the opportunity to continue to provide environmental services to you. Should you have any questions regarding the above, please contact the undersigned at your convenience.

Respectfully submitted,

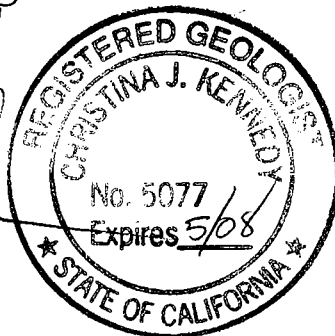
BL Companies

Kenneth M. Yoder, Jr.

Kenneth M. Yoder, PG
Senior Project Manager

Reviewed by:

Christina Kennedy
Christina Kennedy
CKG Environmental, Inc.
CA Geologist No. 5077



Attachments

ATTACHMENTS


Attachment 1	Ground Water Potentiometric Surface Map
Attachment 2	Alpha Analytical Laboratories Report
Attachment 3	Table 1 – Summary of Monitoring Well Construction and Elevation Data
Attachment 4	Tables 2 and 3 – Results of Chemical Analyses Performed on Ground Water Samples

ATTACHMENT 1

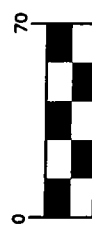
Ground Water Potentiometric Surface Map

LEGEND

--- PROPERTY LINE

MW-4  MONITORING WELL LOCATION
(606.63) (Ground Water Elevation (feet, AMSL) on 10/27/05)

— 607 — GROUND WATER ELEVATION CONTOUR



(SCALE IN FEET)
1 inch = 70 feet

SOUTH STATE STREET

SIDEWALK

TRACT 2

MW-1
(608.00)

MW-2
(605.42)

MW-4
(606.63)

MW-3
(606.50)

FORMER
USTs

CITY OF UKIAH
BOUNDARY

GOBBI STREET

RITE AID
STORE NO. 6033

SIDEWALK

OAK STREET

J.R.T.
K.M.Y.

1" = 70'
98L152-B
11/28/05
CAD File 98L152-B.GW Elev.10-27-2005

Drawn
Approved
Scale
Project No.
Date

GROUND WATER POTENTIOMETRIC SURFACE MAP - 10/27/2005

RITE AID STORE NO. 6033
680 SOUTH STATE STREET
CITY OF UKIAH, MENDOCINO COUNTY, CALIFORNIA



ATTACHMENT 2

Alpha Analytical Laboratories Report



alpha

Alpha Analytical Laboratories Inc.

208 Mason St. Ukiah, California 95482

e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

11 November 2005

BL Companies

Attn: Ken Yoder

830 Sir Thomas Court

Harrisburg, PA 17109

RE: Rite Aid

Work Order: A510661

Enclosed are the results of analyses for samples received by the laboratory on 10/27/05 13:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Sheri Speaks

Sheri L. Speaks
Project Manager



Alpha Analytical Laboratories Inc.

208 Mason St. Ukiah, California 95482

e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

CHEMICAL EXAMINATION REPORT

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BL Companies
830 Sir Thomas Court
Harrisburg, PA 17109
Attn: Ken Yoder

Report Date: 11/11/05 11:26

Project No: -

Project ID: Rite Aid

Order Number
A510661

Receipt Date/Time
10/27/2005 13:20

Client Code
BLCOMP

Client PO/Reference

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-4	A510661-01	Water	10/27/05 09:35	10/27/05 13:20
MW-2	A510661-02	Water	10/27/05 10:47	10/27/05 13:20
MW-1	A510661-03	Water	10/27/05 11:40	10/27/05 13:20
MW-3	A510661-04	Water	10/27/05 12:17	10/27/05 13:20

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sheri Speaks

Sheri L. Speaks
Project Manager

11/11/2005



Alpha Analytical Laboratories Inc.

208 Mason St. Ukiah, California 95482

e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

CHEMICAL EXAMINATION REPORT

Page 2 of 9

BL Companies
830 Sir Thomas Court
Harrisburg, PA 17109
Attn: Ken Yoder

Report Date: 11/11/05 11:26
Project No: -
Project ID: Rite Aid

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A510661	10/27/2005 13:20	BLCOMP	

Alpha Analytical Laboratories, Inc.

	METHOD	BATCH	PREPARED	ANALYZED	DILUTION	RESULT	PQL	NOTE
MW-4 (A510661-01)	Sample Type: Water				Sampled: 10/27/05 09:35			
TPH by EPA/LUFT GC/GCMS Methods								
TPH as Diesel	8015DRO	AK50220	11/02/05	11/02/05	0.9302	97 ug/l	47	
TPH as Gasoline	8260GRO	AK50208	11/01/05	11/02/05	2	ND "	100	
Surrogate: Tetratetracontane	8015DRO	AK50220	11/02/05	11/02/05		68.5 %	20-152	
Surrogate: Toluene-d8	8260GRO	AK50208	11/01/05	11/02/05		117 %	79-141	

Volatile Organic Compounds by EPA Method 8260B

R-04

Benzene	EPA 8260B	AK50418	11/01/05	11/02/05	2	ND ug/l	0.60
Toluene	"	"	"	"	"	ND "	0.60
Ethylbenzene	"	"	"	"	"	ND "	1.0
Xylenes (total)	"	"	"	"	"	ND "	1.0
Surrogate: Bromofluorobenzene	"	"	"	"		105 %	78-138
Surrogate: Dibromofluoromethane	"	"	"	"		112 %	71-136
Surrogate: Toluene-d8	"	"	"	"		117 %	88-139

MW-2 (A510661-02)

Sample Type: Water

Sampled: 10/27/05 10:47

TPH by EPA/LUFT GC/GCMS Methods

TPH as Diesel	8015DRO	AK50220	11/02/05	11/02/05	0.9302	97 ug/l	47	D-07
TPH as Gasoline	8260GRO	AK50208	11/01/05	11/02/05	20	2500 "	1000	
Surrogate: Tetraetracontane	8015DRO	AK50220	11/02/05	11/02/05		70.4 %	20-152	
Surrogate: Toluene-d8	8260GRO	AK50208	11/01/05	11/02/05		112 %	79-141	

Volatile Organic Compounds by EPA Method 8260B

R-04

Benzene	EPA 8260B	AK50418	11/01/05	11/02/05	20	41 ug/l	6.0
Toluene	"	"	"	"	"	8.6 "	6.0
Ethylbenzene	"	"	"	"	"	73 "	10
Xylenes (total)	"	"	"	"	"	41 "	10
Surrogate: Bromofluorobenzene	"	"	"	"		102 %	78-138
Surrogate: Dibromofluoromethane	"	"	"	"		105 %	71-136
Surrogate: Toluene-d8	"	"	"	"		112 %	88-139

MW-1 (A510661-03)

Sample Type: Water

Sampled: 10/27/05 11:40

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Sheri L. Speaks
Project Manager

11/11/2005



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208 Mason St. Ukiah, California 95482

e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

CHEMICAL EXAMINATION REPORT

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BL Companies
830 Sir Thomas Court
Harrisburg, PA 17109
Attn: Ken Yoder

Report Date: 11/11/05 11:26
Project No: -
Project ID: Rite Aid

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A510661	10/27/2005 13:20	BLCOMP	

Alpha Analytical Laboratories, Inc.

	METHOD	BATCH	PREPARED	ANALYZED	DILUTION	RESULT	PQL	NOTE
MW-1 (A510661-03)	Sample Type: Water				Sampled: 10/27/05 11:40			
TPH by EPA/LUFT GC/GCMS Methods								
TPH as Diesel	8015DRO	AK50220	11/02/05	11/02/05	0.9302	57 ug/l	47	D-18
TPH as Gasoline	8260GRO	AK50208	11/01/05	11/02/05	10	ND "	500	
Surrogate: Tetratetracontane	8015DRO	AK50220	11/02/05	11/02/05		81.5 %	20-152	
Surrogate: Toluene-d8	8260GRO	AK50208	11/01/05	11/02/05		114 %	79-141	

Volatile Organic Compounds by EPA Method 8260B

R-04

Benzene	EPA 8260B	AK50418	11/01/05	11/02/05	10	ND ug/l	3.0
Toluene	"	"	"	"	"	ND "	3.0
Ethylbenzene	"	"	"	"	"	ND "	5.0
Xylenes (total)	"	"	"	"	"	ND "	5.0
Surrogate: Bromofluorobenzene	"	"	"	"		100 %	78-138
Surrogate: Dibromofluoromethane	"	"	"	"		113 %	71-136
Surrogate: Toluene-d8	"	"	"	"		114 %	88-139

MW-3 (A510661-04)

Sample Type: Water

Sampled: 10/27/05 12:17

TPH by EPA/LUFT GC/GCMS Methods

TPH as Diesel	8015DRO	AK50220	11/02/05	11/02/05	0.9302	81 ug/l	47
TPH as Gasoline	8260GRO	AK50816	11/07/05	11/08/05	1	1100 "	50
Surrogate: Tetratetracontane	8015DRO	AK50220	11/02/05	11/02/05		71.0 %	20-152
Surrogate: Toluene-d8	8260GRO	AK50816	11/07/05	11/08/05		109 %	79-141

Volatile Organic Compounds by EPA Method 8260B

Benzene	EPA 8260B	AK50903	"	11/08/05	1	3.8 ug/l	0.30
Toluene	"	"	"	"	"	ND "	0.30
Ethylbenzene	"	"	"	"	"	19 "	0.50
Xylenes (total)	"	"	"	"	"	13 "	0.50
Surrogate: Bromofluorobenzene	"	"	"	"		114 %	78-138
Surrogate: Dibromofluoromethane	"	"	"	"		93.2 %	71-136
Surrogate: Toluene-d8	"	"	"	"		109 %	88-139

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Sheri Speaks

Sheri L. Speaks
Project Manager

11/11/2005



Alpha Analytical Laboratories Inc.

208 Mason St. Ukiah, California 95482

e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

CHEMICAL EXAMINATION REPORT

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BL Companies
830 Sir Thomas Court
Harrisburg, PA 17109
Attn: Ken Yoder

Report Date: 11/11/05 11:26

Project No: -

Project ID: Rite Aid

Order Number
A510661

Receipt Date/Time
10/27/2005 13:20

Client Code
BLCOMP

Client PO/Reference

TPH by EPA/LUFT GC/GCMS Methods - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AK50208 - VOAs in Water GCMS										
Blank (AK50208-BLK1)				Prepared & Analyzed: 11/01/05						
TPH as Gasoline	ND	50	ug/l							
Surrogate: Toluene-d8	28.3		"	25.0		113	79-141			
LCS (AK50208-BS1)				Prepared: 11/01/05 Analyzed: 11/02/05						
TPH as Gasoline	202	50	ug/l	200		101	75-126			
Surrogate: Toluene-d8	27.6		"	25.0		110	79-141			
LCS Dup (AK50208-BSD1)				Prepared: 11/01/05 Analyzed: 11/02/05						
TPH as Gasoline	192	50	ug/l	200		96.0	75-126	5.08	20	
Surrogate: Toluene-d8	28.3		"	25.0		113	79-141			
Matrix Spike (AK50208-MS1)				Source: A510663-01 Prepared: 11/01/05 Analyzed: 11/02/05						
TPH as Gasoline	220	50	ug/l	200	ND	102	32-166			
Surrogate: Toluene-d8	27.9		"	25.0		112	79-141			
Batch AK50220 - EPA 3510B Water										
Blank (AK50220-BLK1)				Prepared & Analyzed: 11/02/05						
TPH as Diesel	ND	50	ug/l							
Surrogate: Tetraetracontane	115		"	162		71.0	20-152			
LCS (AK50220-BS1)				Prepared & Analyzed: 11/02/05						
TPH as Diesel	1830	50	ug/l	2000		91.5	52-136			
Surrogate: Tetraetracontane	99.2		"	162		61.2	20-152			
LCS Dup (AK50220-BSD1)				Prepared & Analyzed: 11/02/05						
TPH as Diesel	1810	50	ug/l	2000		90.5	52-136	1.10	25	

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Project Manager

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830 Sir Thomas Court
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Report Date: 11/11/05 11:26
Project No: -
Project ID: Rite Aid

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A510661	10/27/2005 13:20	BLCOMP	

TPH by EPA/LUFT GC/GCMS Methods - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AK50220 - EPA 3510B Water										
LCS Dup (AK50220-BSD1)				Prepared & Analyzed: 11/02/05						
Surrogate: Tetratetracontane	118		"	162		72.8	20-152			
Batch AK50816 - VOAs in Water GCMS										
Blank (AK50816-BLK1)				Prepared & Analyzed: 11/07/05						
TPH as Gasoline	ND	50	ug/l							
Surrogate: Toluene-d8	26.7		"	25.0		107	79-141			
LCS (AK50816-BS1)				Prepared & Analyzed: 11/07/05						
TPH as Gasoline	190	50	ug/l	200		95.0	75-126			
Surrogate: Toluene-d8	27.8		"	25.0		111	79-141			
LCS Dup (AK50816-BSD1)				Prepared & Analyzed: 11/07/05						
TPH as Gasoline	184	50	ug/l	200		92.0	75-126	3.21	20	
Surrogate: Toluene-d8	26.9		"	25.0		108	79-141			
Matrix Spike (AK50816-MS1)				Source: A510672-02 Prepared & Analyzed: 11/07/05						
TPH as Gasoline	202	50	ug/l	200	ND	93.5	32-166			
Surrogate: Toluene-d8	26.5		"	25.0		106	79-141			

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Project Manager

11/11/2005



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CHEMICAL EXAMINATION REPORT

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BL Companies
830 Sir Thomas Court
Harrisburg, PA 17109
Attn: Ken Yoder

Report Date: 11/11/05 11:26
Project No: -
Project ID: Rite Aid

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A510661	10/27/2005 13:20	BLCOMP	

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AK50418 - VOAs in Water GCMS										
Blank (AK50418-BLK1)				Prepared & Analyzed: 11/01/05						
Benzene	ND	0.30	ug/l							
Toluene	ND	0.30	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Bromofluorobenzene	25.6		"	25.0		102	78-138			
Surrogate: Dibromofluoromethane	28.9		"	25.0		116	71-136			
Surrogate: Toluene-d8	28.3		"	25.0		113	88-139			
LCS (AK50418-BS1)				Prepared & Analyzed: 11/01/05						
Benzene	4.91	0.30	ug/l	5.00		98.2	68-129			
Toluene	5.38	0.30	"	5.00		108	76-137			
Ethylbenzene	5.02	0.50	"	5.00		100	78-136			
Xylenes (total)	15.2	0.50	"	15.0		101	76-134			
Surrogate: Bromofluorobenzene	27.2		"	25.0		109	78-138			
Surrogate: Dibromofluoromethane	26.4		"	25.0		106	71-136			
Surrogate: Toluene-d8	27.8		"	25.0		111	88-139			
LCS Dup (AK50418-BSD1)				Prepared & Analyzed: 11/01/05						
Benzene	4.53	0.30	ug/l	5.00		90.6	68-129	8.05	25	
Toluene	4.97	0.30	"	5.00		99.4	76-137	7.92	25	
Ethylbenzene	4.69	0.50	"	5.00		93.8	78-136	6.80	25	
Xylenes (total)	14.1	0.50	"	15.0		94.0	76-134	7.51	25	
Surrogate: Bromofluorobenzene	26.9		"	25.0		108	78-138			
Surrogate: Dibromofluoromethane	26.0		"	25.0		104	71-136			
Surrogate: Toluene-d8	27.4		"	25.0		110	88-139			

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Sheri Speaks

Sheri L. Speaks
Project Manager

11/11/2005



Alpha Analytical Laboratories Inc.

208 Mason St. Ukiah, California 95482

e-mail: clientservices@alpha-labs.com • Phone: (707) 468-0401 • Fax: (707) 468-5267

CHEMICAL EXAMINATION REPORT

Page 7 of 9

BL Companies
830 Sir Thomas Court
Harrisburg, PA 17109
Attn: Ken Yoder

Report Date: 11/11/05 11:26
Project No: -
Project ID: Rite Aid

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A510661	10/27/2005 13:20	BLCOMP	

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AK50418 - VOAs in Water GCMS										
Matrix Spike (AK50418-MS1)		Source: A510663-01		Prepared & Analyzed: 11/01/05						
Benzene	4.81	0.30	ug/l	5.00	ND	96.2	39-142			
Toluene	5.20	0.30	"	5.00	ND	104	44-148			
Ethylbenzene	4.97	0.50	"	5.00	ND	99.4	42-148			
Xylenes (total)	14.8	0.50	"	15.0	ND	98.7	43-145			
Surrogate: Bromofluorobenzene	27.0		"	25.0		108	78-138			
Surrogate: Dibromofluoromethane	26.1		"	25.0		104	71-136			
Surrogate: Toluene-d8	27.2		"	25.0		109	88-139			
Batch AK50903 - VOAs in Water GCMS										
Blank (AK50903-BLK1)		Prepared & Analyzed: 11/07/05								
Benzene	ND	0.30	ug/l							
Toluene	ND	0.30	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Bromofluorobenzene	28.0		"	25.0		112	78-138			
Surrogate: Dibromofluoromethane	25.6		"	25.0		102	71-136			
Surrogate: Toluene-d8	26.7		"	25.0		107	88-139			
LCS (AK50903-BS1)		Prepared & Analyzed: 11/07/05								
Benzene	9.96	0.30	ug/l	10.0		99.6	68-129			
Toluene	10.0	0.30	"	10.0		100	76-137			
Ethylbenzene	10.4	0.50	"	10.0		104	78-136			
Xylenes (total)	30.5	0.50	"	30.0		102	76-134			
Surrogate: Bromofluorobenzene	26.6		"	25.0		106	78-138			
Surrogate: Dibromofluoromethane	25.8		"	25.0		103	71-136			
Surrogate: Toluene-d8	25.7		"	25.0		103	88-139			

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Sheri L. Speaks
Project Manager

11/11/2005



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CHEMICAL EXAMINATION REPORT

Page 8 of 9

BL Companies
830 Sir Thomas Court
Harrisburg, PA 17109
Attn: Ken Yoder

Report Date: 11/11/05 11:26
Project No: -
Project ID: Rite Aid

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A510661	10/27/2005 13:20	BLCOMP	

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch AK50903 - VOAs in Water GCMS										
LCS Dup (AK50903-BSD1)				Prepared & Analyzed: 11/07/05						
Benzene	9.67	0.30	ug/l	10.0		96.7	68-129	2.95	25	
Toluene	9.86	0.30	"	10.0		98.6	76-137	1.41	25	
Ethylbenzene	10.6	0.50	"	10.0		106	78-136	1.90	25	
Xylenes (total)	30.4	0.50	"	30.0		101	76-134	0.328	25	
Surrogate: Bromofluorobenzene	26.9		"	25.0		108	78-138			
Surrogate: Dibromofluoromethane	25.0		"	25.0		100	71-136			
Surrogate: Toluene-d8	26.4		"	25.0		106	88-139			
Matrix Spike (AK50903-MS1)				Source: A510672-01	Prepared & Analyzed: 11/07/05					
Benzene	9.94	0.30	ug/l	10.0	ND	99.4	39-142			
Toluene	10.2	0.30	"	10.0	ND	102	44-148			
Ethylbenzene	10.4	0.50	"	10.0	ND	104	42-148			
Xylenes (total)	29.8	0.50	"	30.0	ND	99.3	43-145			
Surrogate: Bromofluorobenzene	26.9		"	25.0		108	78-138			
Surrogate: Dibromofluoromethane	25.6		"	25.0		102	71-136			
Surrogate: Toluene-d8	26.4		"	25.0		106	88-139			

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BL Companies
830 Sir Thomas Court
Harrisburg, PA 17109
Attn: Ken Yoder

Report Date: 11/11/05 11:26
Project No: -
Project ID: Rite Aid

Order Number	Receipt Date/Time	Client Code	Client PO/Reference
A510661	10/27/2005 13:20	BLCOMP	

Notes and Definitions

R-04 The Reporting Limits for this analysis are elevated due to sample foaming.

D-18 The sample chromatographic pattern does not resemble the diesel standard used for calibration.

D-07 Analysis of this sample indicates the presence of hydrocarbons lower in molecular weight than diesel.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

PQL Practical Quantitation Limit

MONITORING WELL FIELD SHEET

Date: 10/27/06
 Client: Rite Aid
 Site: _____
 Phone: _____

Well ID: 19W-1
 Depth of Well: 40' 00'
 Depth to Water: 3.99
 Water Column Height: 36.01
 One Well Vol: 23.62
 Product Depth: _____

DETERMINING VOLUME OF WELL:

$$V = H \times D(\text{Squared}) \times 0.041$$

V = one well volume (gallons)

H = height of water column (feet)

D = inside diameter of well (inches)

NOTE: Collect EC, T, and pH initially and after every well volume.

<u>TIME</u>	<u>T</u>	<u>EC</u>	<u>pH</u>	<u>Comments*</u> (Color, Odor, Exceptions)
<u>11:25</u>	<u>21.27</u>	<u>242</u>	<u>6.92</u>	<u>Cloudy</u>
<u>11:35</u>	<u>21.06</u>	<u>242</u>	<u>6.68</u>	
<u>11:40</u>	<u>21.94</u>	<u>257</u>	<u>6.81</u>	

Sample time: 11:40

Total presampling time: _____

* Sample when EC and T have stabilized, and at least 3-5 well volumes have been purged. If well is purged to dryness before 3-5 volumes are purged and well is very slow to recover, sample will be drawn as soon as well has recovered sufficiently.

Name: Don & Hansen

MONITORING WELL FIELD SHEET

Date: 10/27/05
 Client: Rite Aid
 Site: _____
 Phone: _____

Well ID: MW-2
 Depth of Well: 35.00'
 Depth to Water: 4.67'
 Water Column Height: 30.33
 One Well Vol: 19.89
 Product Depth: _____

DETERMINING VOLUME OF WELL:

$$V = H \times D(\text{Squared}) \times 0.041$$

V = one well volume (gallons)

H = height of water column (feet)

D = inside diameter of well (inches)

NOTE: Collect EC, T, and pH initially and after every well volume.

<u>TIME</u>	<u>T, °F</u>	<u>EC</u>	<u>pH</u>	<u>Comments*</u> (Color, Odor, Exceptions)
1030	35.04	425	6.82	Clear
10:40	21.05	443	6.70	
10:47	20.72	439	7.15	

Sample time: 10:47

Total presampling time: _____

* Sample when EC and T have stabilized, and at least 3-5 well volumes have been purged. If well is purged to dryness before 3-5 volumes are purged and well is very slow to recover, sample will be drawn as soon as well has recovered sufficiently.

Name: Dan & Maurer

MONITORING WELL FIELD SHEET

Date: <u>10-27-05</u>	Well ID: <u>14W-3</u>
Client: <u>Rite Aid</u>	Depth of Well: <u>40.00'</u>
Site: _____	Depth to Water: <u>7.08</u>
Phone: _____	Water Column Height: <u>33.92</u>
_____	One Well Vol: <u>21.59</u>
_____	Product Depth: _____

DETERMINING VOLUME OF WELL:

$$V = H \times D(\text{Squared}) \times 0.041$$

V = one well volume (gallons)

H = height of water column (feet)

D = inside diameter of well (inches)

NOTE: Collect EC, T, and pH initially and after every well volume.

<u>TIME</u>	<u>T</u>	<u>EC</u>	<u>pH</u>	<u>Comments*</u> (Color, Odor, Exceptions)
1205	20.72	260	7.29	
1210	22.65	205	6.65	
1217	22.27	271	6.56	

Sample time: 1217

Total presampling time: _____

* Sample when EC and T have stabilized, and at least 3-5 well volumes have been purged. If well is purged to dryness before 3-5 volumes are purged and well is very slow to recover, sample will be drawn as soon as well has recovered sufficiently.

Name: Dan & Lauren

MONITORING WELL FIELD SHEET

Date: 10/27/05
 Client: Rite Aid
 Site: _____
 Phone: _____

Well ID: MW-4
 Depth of Well: 30.00'
 Depth to Water: 4.62'
 Water Column Height: 25.38'
 One Well Vol: 23.20 ~~64~~
 Product Depth: _____

DETERMINING VOLUME OF WELL:

$$V = H \times D(\text{Squared}) \times 0.041$$

V = one well volume (gallons)

H = height of water column (feet)

D = inside diameter of well (inches)

NOTE: Collect EC, T, and pH initially and after every well volume.

<u>TIME</u>	<u>T</u>	<u>EC</u>	<u>pH</u>	<u>Comments*</u> (Color, Odor, Exceptions)
09:20	19.88	353	6.80	Cloudy
09:25	18.83	459	6.87	
09:35	20.05	486	6.62	

Sample time: 09:35

Total presampling time: _____

* Sample when EC and T have stabilized, and at least 3-5 well volumes have been purged. If well is purged to dryness before 3-5 volumes are purged and well is very slow to recover, sample will be drawn as soon as well has recovered sufficiently.

Name: Don & Warren

ATTACHMENT 3

Table 1 Summary of Monitoring Well Construction and Elevation Data

TABLE 1
SUMMARY OF MONITORING WELL CONSTRUCTION AND GROUND WATER ELEVATIONS
RITE AID STORE NO. 6033
CITY OF ULAH, MENDOCINO COUNTY, CALIFORNIA

Well No.	Total Depth (feet, bgs)	TOC Elevation (feet)	Static Water Level (feet below TOC)								Relative Ground Water Elevation (feet)											
			18-Sep-02	7-Oct-02	28-Jan-04	14-Apr-04	23-Jul-04	28-Oct-04	24-Jan-05	12-Apr-05	21-Jul-05	27-Oct-05	18-Sep-02	7-Oct-02	28-Jan-04	14-Apr-04	23-Jul-04	28-Oct-04	24-Jan-05	12-Apr-05	21-Jul-05	27-Oct-05
MW-1	40	611.99	4.01	8.10	3.19	3.21	3.61	4.12	3.68	3.26	3.34	3.99	607.98	603.99	608.80	608.78	608.38	607.87	608.31	608.73	608.65	608.00
MW-2	35	610.09	4.59	9.07	3.00	3.56	3.87	4.54	3.70	3.41	3.93	4.67	605.50	601.02	607.09	606.53	606.22	605.55	606.39	606.68	606.16	605.42
MW-3	40	613.58	7.55	14.37	5.29	5.63	6.58	6.78	6.36	5.60	5.82	7.08	606.03	599.21	608.29	607.95	607.00	606.80	607.22	607.98	607.76	606.50
MW-4	30	611.25	5.17	10.21	2.91	3.43	4.70	4.38	2.87	2.20	4.26	4.62	606.08	601.04	608.34	607.82	606.55	606.87	608.38	609.05	606.99	606.63

Notes:
TOC = Top of Casing
BGS = Below Ground Surface

ATTACHMENT 4

Tables 2 and 3 Results of Chemical Analyses Performed on Ground Water Samples

TABLE 2
SUMMARY OF GROUND-WATER SVOC ANALYSES
SITE AID STORE NO. 5033
CITY OF Ukiah, MENDOCINO COUNTY, CALIFORNIA

Sample ID	Sample Date	Acenaphthylene	Acenaphthene	Fluoranthene	Fluorene	Phenanthrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Pyrene	Chrysene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Indeno(1,2,3-c,d)pyrene	Dibenzo(a,h)anthracene	Benzo(g,h,i)perylene
MW-1	19-Sep-02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	28-Jan-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14-Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	27-Jul-04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	29-Oct-04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	24-Jan-05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12-Apr-05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	21-Jul-05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	19-Sep-02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	7-Oct-02	ND	ND	ND	ND	ND	0.75	1.4	3.7	ND	ND	ND	ND	ND	ND	ND	ND	NA
	28-Jan-04	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	14-Apr-04	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	27-Jul-04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	29-Oct-04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	24-Jan-05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12-Apr-05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	21-Jul-05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	19-Sep-02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7-Oct-02	ND	ND	6	8.1	ND	ND	ND	ND	20	4.5	NA	NA	NA	NA	NA	NA	NA

Results reported in micrograms per liter (ug/L)

N/D = Not Detected

NA = Not Analyzed

TABLE 3
SUMMARY OF GROUND WATER VOC ANALYSES
RITE AID STORE NO. 6033
CITY OF UKIAH, MENDOCINO COUNTY, CALIFORNIA

Sample ID	Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes	Tert-butyl alcohol	Di-isopropyl ether	Ethyl tert-butyl ether	Tert-amyl methyl ether	Methyl tert-butyl ether (MTBE)	TPH - Gasoline	TPH - Diesel
MW-1	19-Sep-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA
	7-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	28-Jan-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	14-Apr-04	ND	0.86	ND	ND	ND	ND	ND	ND	ND	ND	ND
	27-Jul-04	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND
	29-Oct-04	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND
	24-Jan-05	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND
	12-Apr-05	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND
	21-Jul-05	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND
	27-Oct-05	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	57
MW-2	19-Sep-02	690	51	180	100	ND	ND	ND	ND	ND	3,700	NA
	7-Oct-02	160	14	47	38	ND	ND	ND	ND	ND	670	ND
	28-Jan-04	69	ND	38	12	ND	ND	ND	ND	ND	1,000	110
	14-Apr-04	180	30	69	45	ND	ND	ND	ND	ND	1,200	77
	27-Jul-04	76	17	130	95	NA	NA	NA	NA	NA	3,900	660
	29-Oct-04	72	29	180	130	NA	NA	NA	NA	NA	4,800	180
	24-Jan-05	79	35	240	170	NA	NA	NA	NA	NA	6,300	800
	12-Apr-05	49	27	270	200	NA	NA	NA	NA	NA	7,900	640
	21-Jul-05	120	8.4	39	17	NA	NA	NA	NA	NA	1,200	95
	27-Oct-05	41	8.6	73	41	NA	NA	NA	NA	NA	2,500	97
MW-3	19-Sep-02	23	ND	44	64	ND	ND	ND	ND	ND	2,300	NA
	7-Oct-02	6.5	ND	6.4	13	ND	ND	ND	ND	ND	800	610
	28-Jan-04	81	0.76	63	21	ND	ND	ND	ND	ND	1,700	230
	14-Apr-04	28	ND	38	21	ND	ND	ND	ND	ND	920	150
	23-Jul-04	14	ND	32	30	NA	NA	NA	NA	NA	1,800	1,600
	29-Oct-04	4.3	ND	18	21	NA	NA	NA	NA	NA	1,800	110
	24-Jan-05	5	ND	30	32	NA	NA	NA	NA	NA	2,100	350
	12-Apr-05	26	0.62	31	17	NA	NA	NA	NA	NA	1,000	260
	21-Jul-05	14	0.47	26	12	NA	NA	NA	NA	NA	1,400	99
	27-Oct-05	3.8	ND	19	13	NA	NA	NA	NA	NA	1,100	81
MW-4	19-Sep-02	1.1	ND	ND	1.0	ND	ND	ND	ND	ND	750	NA
	7-Oct-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,500	3,400
	28-Jan-04	0.53	ND	ND	ND	ND	ND	ND	ND	ND	320	310
	14-Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	350	520
	23-Jul-04	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	250
	29-Oct-04	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND
	24-Jan-05	ND	ND	ND	ND	NA	NA	NA	NA	NA	180	140
	12-Apr-05	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	100
	21-Jul-05	ND	ND	ND	ND	NA	NA	NA	NA	NA	120	120
	27-Oct-05	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	97

Results reported in micrograms per liter (ug/l)

ND = Not Detected

NA = Not Analyzed